

TABLE 7. Squared correlation coefficients, $(r^2)^2$ (Equation 36) calculated by PCR and PLS-1 as self prediction and cross validation for number of factors 2 and 3 for brightener calibration for scan dq21ba2, channels: 3 (range 401-701), 4 (range 301-601) and "glued" data for channels 3 (range 401-701) and 4 (range 301-601)

# of factors	PCR				PLS-1					
	ch3	ch3	ch4	ch4	ch3+ch4	ch3+ch4	ch3	ch4	ch3+ch4	ch3+ch4
selfpred	Xval	selfpred	Xval	selfpred	Xval	selfpred	Xval	selfpred	Xval	
2	0.7098	0.6903	0.9221	0.9175	0.9406	0.9372	0.7200	0.7009	0.9229	0.9183
3	0.7536	0.7243	0.9317	0.9250	0.9407	0.9360	0.9123	0.8985	0.9371	0.9311
										0.9469
										0.9414